

CLAIM APPENDIX

1. (Currently Amended) A character display apparatus for an optical disc player, the apparatus comprising:

a detection and separation unit to detect if recorded data on an optical disc includes a first font data, and to separate said first font data from the detected recorded data if the first font data is recorded on the optical disc;

a first memory area to store the first font data separated and output from said detection and separation unit;

a second memory area to store a second font data that is separate from the first font data stored in the first memory area, wherein the first and second memory areas are separated from one another;

a character generation unit to selectively generate character signals for characters of a selected language for a subtitle to have a font defined by the first font data if the first font data ~~is recorded on the optical disc~~ is selected and to have a font defined by the second font data if the ~~first second font data is not recorded on the optical disc~~ stored in the second memory area is selected; and

a controller coupled to the character generation unit, to cause the character generation unit to selectively generate the character signals for the characters of the selected language for character subtitle processing selected from multiple languages to be used in the character subtitle processing,

wherein the first and second font data are separate from the characters of the selected language before the character generation unit generates the character signals of the selected language.

2. (Previously Presented) The character display apparatus according to claim 1, wherein said detection and separation unit comprises:

a pickup to detect the recorded data including said first font data from said optical disc, and to output the detected recorded data as output signals;

a high frequency processing unit to process the output signals of said pickup, and to output video data signals; and

a data separation unit to separate said first font data from the output video data signals of said high frequency processing unit, and to output the separated first font data,

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wherein said controller controls said high frequency processing unit, said data separation unit, said memory and said character generation unit.

3. (Canceled).

4. (Currently Amended) A method of controlling an optical disc player, the method comprising:

detecting if recorded data on an optical disc includes a first font data;

processing the recorded data and outputting output signals including video data and the first font data;

separating said first font data from the output signals and outputting the separated first font data, if the first font data exists on the optical disc;

storing the separated first font data in a first memory area, a second font data being stored in a second memory area ~~being separate from said first font data, wherein the first and second memory areas are separated from one another~~;

selectively generating, via a character generation device, character signals for characters of a selected language for a subtitle to have a font defined by the first font data if the first font data ~~existing on the optical disc~~ is selected and to have a font defined by the second font data if the ~~first-second~~ font data ~~does not exist on the optical disc~~ is stored in the second memory area is selected; and

outputting said character signals of the characters for the selected language for character subtitle processing,

wherein the first and second font data are separate from the characters of the selected language before the outputting step outputs the character signals of the selected language.

5. (Canceled).

6. (Currently Amended) A method of controlling an optical disc player, the method comprising:

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detecting whether a first font data corresponding to at least some of multiple languages to be used in character subtitle processing ~~are~~ is recorded in an optical disc;

separating the first font data from the detected recorded data if the first font data is recorded on the optical disc;

storing the separated first font data in a first memory area, if the first font data corresponding to characters of languages for the character subtitle processing ~~are~~ is stored in said optical disc, a second font data being stored in a second memory area—being separate from said first font data, said second font data being stored before said first font data, wherein the first and second memory areas are separated from one another; and

selectively outputting character signals for characters of a selected language for the character subtitle processing when one of said multiple languages is selected to have a font defined by the first font data if the first font data ~~are~~ recorded on the optical disc is selected and to have a font defined by the second font data if the ~~first~~ second font data ~~of the selected language are not recorded on said optical disc~~ stored in the second memory area is selected,

wherein the first and second font data are separate from the characters of the selected language before the outputting step outputs the character signals of the selected language.

7. (Currently Amended) A character display apparatus for an optical disc player, the apparatus comprising:

a detector to detect whether a first font data to be used in character subtitle processing is recorded on a predetermined area of an optical disc;

a data separator to separate said first font data from ~~recorded~~ recorded data including video data and the first font data on the optical disc when the detector detects the first font data is recorded on the optical disc;

a first memory area to store the separated first font data;

a second memory area to store a second font data to be used in the character subtitle processing, ~~said second font data being stored before said first font data~~ wherein the first and second memory areas are separated from one another;

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a character generator to generate character signals for characters of a selected language for the character subtitle processing from the first or second font data; and

a controller to cause the character generator to selectively generate the character signals for the characters of the selected language for the character subtitle processing to have a font defined by the first font data if the first font data ~~are~~ recorded on the optical disc is selected and to have a font defined by the second font data if the ~~first-second~~ font data ~~of the selected language are not recorded on said optical disc~~ stored in the second memory area is selected,

wherein the first and second font data are separate from the characters of the selected language before the outputting step outputs the character signals of the selected language.

8. (Previously Presented) The character display apparatus according to claim 7, wherein the first memory is a random access memory and the second memory is a read only memory.

9. (Currently Amended) A method of controlling an optical disc player, the method comprising:

selecting a language for character subtitle processing from multiple languages;

detecting if a first font data is recorded on a disc;

separating said first font data from other data read from the disc if the first font data is recorded on the disc;

storing the separated first font data in a first memory area, a second font data being stored in a second memory area ~~before the first font data~~, wherein the first and second memory areas are separated from one another; and

selectively generating character signals for characters of the selected language to be used in the character subtitle processing to have a font defined by the first font data if the first font data ~~are~~ recorded on the disc is selected and to have a font defined by the second font data if the ~~first-second~~ font data ~~of the selected language are not recorded on said disc~~ stored in the second memory area is selected,

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wherein the first and second font data are separate from the characters of the selected language before the generating step outputs the character signals of the selected language.

10. (Canceled).

11. (Currently Amended) A system for generating character signals for a selected language of a subtitle recorded in an optical disc, the system comprising:

an optical pickup to read recorded data on the optical disc;

a data processor to detect if the recorded data includes a first font data to be used in the character subtitle processing and to process the first font data, and to separate the first font data from the detected recorded data if the first font data is recorded on the optical disc;

a first memory area to store the separated first font data;

a second memory area to store a second font data to be used in the character subtitle processing;

a character generator to generate the character signals for characters of the selected language for the character subtitle processing from the first or second font data; and

a controller to cause the character generator to selectively generate the character signals for the characters of the selected language to have a font defined by the first font data if the first font data ~~are recorded on the optical disc~~ is selected and to have a font defined by the second font data if the ~~first-second font data of the selected language are not recorded in said optical disc~~ stored in the second memory area is selected,

wherein the first and second font data are separate from the characters of the selected language before the controller outputs the character signals of the selected language.

12-15 (Canceled).

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16. (Currently Amended) An apparatus for an additional contents display of an optical disc player, the apparatus comprising:

a detector to detect additional contents data associated with a main title of an optical disc, ~~and to detect if the additional contents data include a first font data, and to~~ separate the first font data from the detected additional contents data if the additional contents data includes the first font data;

a first memory area to store said additional contents data;

a second memory area to store a second font data that is separate from the first font data, wherein the first and second memory areas are separated from one another;

a processor to process said additional contents data stored in said first memory to generate specific presentation data; and

a controller to control the processor to selectively process said additional contents data to display a specific content associated with said main title by using said specific presentation data and to have a font defined by the first font data if the ~~additional contents data include the first font data~~ on the optical disc is selected and to have a font defined by the second font data if the ~~additional contents data do not include the first font data~~ second font data stored in the second memory area is selected,

wherein the first and second font data are different than character data of the specific presentation data.

17-18. (Canceled).

19. (Previously Presented) The apparatus according to claim 16, wherein said first memory is a random access memory.

20. (Canceled).

21. (Previously Presented) The apparatus according to claim 16, wherein said second font data is stored in a second memory, the second memory being a read only memory.

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22. (Previously Presented) The apparatus according to claim 16, wherein said processor is a character generator to generate character signals for characters for displaying a selected language on the basis of said first or second font data.

23. (Currently Amended) A method for an additional contents display of an optical disc player, the method comprising:

detecting additional contents data associated with a main title of an optical disc, and detecting if the additional contents data include a first font data;

separating the first font data from the detected additional contents data if the additional contents data includes the first font data;

storing said additional contents data in a first memory area, a second font data being stored in a second memory area—being separate from said first font data, wherein the first and second memory areas are separated from one another;

processing said stored additional contents data to selectively generate specific presentation data to have a font defined by the first font data if the ~~additional contents data include the first font data~~ on the optical disc is selected and to have a font defined by the second font data if the ~~additional contents data do not include the first font data~~ second font stored in the second memory area is selected; and

outputting the specific presentation data for displaying a specific content associated with said main title by using said specific presentation data,

wherein the first and second font data are different than character data of the specific presentation data.

24-25. (Canceled).

26. (Previously Presented) The method according to claim 23, wherein said first memory is a random access memory.

27. (Canceled).

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28. (Previously Presented) The method according to claim 23, wherein said second memory is a read only memory.

29. (Previously Presented) The method according to claim 23, wherein said processing is performed to generate character signals for characters for displaying a selected language on the basis of said first or second font data.

30. (Canceled).

31. (Currently Amended) The method according to claim 23, further comprising:
reproducing video management information from the optical disc,
wherein the video management information includes information indicating whether or not the first font data ~~are~~ is recorded on the optical disc.

32. (Previously Presented) The method according to claim 31, wherein the video management information further includes information on a location of the first font data on the optical disc.

33. (Canceled).

34. (Currently Amended) The apparatus according to claim 16, further comprising:

a pickup unit to reproduce video management information from the optical disc, the video management information including information indicating whether or not the first font data ~~are~~ is recorded on the optical disc.

35. (Previously Presented) The apparatus according to claim 34, wherein the video management information further includes information on a location of the first font data on the optical disc.

36-40. (Canceled).

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41. (Previously Presented) The apparatus according to claim 16, wherein said specific presentation data is text subtitle for the main title.

42. (Canceled).

43. (Previously Presented) The method according to claim 23, wherein said specific presentation data is text subtitle for the main title.